

WHAT IS CLAIMED IS:

1. A fire-fighting robot which is self-propelled and remote-controlled via wireless or mobile communications to fight a fire comprising

a barrel portion,

one or more fire extinguisher storage portions disposed in said barrel portion for storing a fire extinguisher which provides a jet of a fire-fighting agent from a jet outlet by depressing a lever,

a jet control portion disposed in said fire extinguisher storage portion for depressing said lever,

a head portion disposed to be capable of swiveling laterally and tilting vertically on top of said barrel portion,

a jet outlet securing portion disposed at said head portion for detachably securing said jet outlet of said fire extinguisher, and

a remote control camera disposed in said head portion to orient in the same direction as the direction of the jet of the fire-fighting agent from said jet outlet.

2. The fire-fighting robot according to Claim 1, comprising

a right-side fire extinguisher storage portion disposed on the right side of said barrel portion and a left-side fire

extinguisher storage portion disposed on the left side of said barrel portion, wherein

said jet control portion is disposed in each of said right-side fire extinguisher storage portion and said left-side fire extinguisher storage portion.

3. The fire-fighting robot according to Claim 1 or 2, wherein the jet control portion comprises

a lever depressing portion for depressing said lever in the direction of said lever being gripped,

a depressing portion support member for slidably supporting said lever depressing portion,

a movable portion coupled to said lever depressing portion via a coupling shaft and having a female screw hole with a female screw formed therein,

a threaded shaft to be screwed into the female screw hole of said movable portion, and

a drive motor for rotating said threaded shaft.

4. The fire-fighting robot according to any one of Claims 1 to 3, comprising a camera motor for vertically swiveling said remote control camera independently with respect to said head portion.

5. The fire-fighting robot according to any one of Claims 1 to 4, wherein the fire extinguisher storage portion comprises

a fire extinguisher securing board for fixing and supporting
an upper portion of said fire extinguisher.